WHAT IS CLAIMED IS:

An inkjet head comprising:

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a plurality of flow passages each composed of a nozzle to discharge ink and a pressure generating chamber communicating to the nozzle;

a common ink chamber which supplies ink to each of the flow passages; and

an actuator which expands/contracts a volume of the pressure generating chamber,

wherein the physical properties of the ink and the flow passage satisfy a relationship of $0.2 \le \gamma^2/\omega^2 \le 1.0$ ($\gamma = R/2M$, $\omega = \sqrt{K/M}$, where M is inertia of the ink in the flow passage when the ink is charged in the flow passage, and R is a viscosity resistance of the ink in the flow passage).

- 2. An inkjet head according to claim 1, wherein a fluid resistor is intervened between the pressure chamber of the flow passage and the common ink chamber.
- 3. An inkjet recording apparatus comprising:

a plurality of flow passages each composed of a nozzle to discharge ink and a pressure generating chamber communicating to the nozzle;

a common ink chamber which supplies ink to each of the flow passages;

an actuator which expands/contracts a volume of the pressure generating chamber; and

a drive signal generating portion which outputs a drive signal for continuously discharging a plurality of ink drops from the nozzle to the actuator,

wherein the physical properties of the ink and the flow passage satisfy a relationship of $0.2 \le \gamma^2/\omega^2 \le 1.0$ ($\gamma = R/2M$, $\omega = \sqrt{K/M}$, where M is inertia of the ink in the flow passage when the ink is charged in the flow passage, and R is a viscosity resistance of the ink in the flow passage).

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4. An inkjet recording apparatus comprising:

a plurality of flow passages each composed of a nozzle to discharge ink and a pressure generating chamber communicating to the nozzle;

____a_common_ink_chamber_which_supplies_ink_to-each-ofthe flow passages;

a fluid resistor provided between the pressure generating chamber of the flow passage and the common ink chamber;

an actuator which expands/contracts a volume of the pressure generating chamber; and

a drive signal generating portion which outputs a drive signal for continuously discharging a plurality of ink drops from the nozzle to the actuator,

wherein the physical properties of the ink and the flow passage satisfy a relationship of $0.2 \le \gamma^2/\omega^2 \le 1.0$ ($\gamma = R/2M$, $\omega = \sqrt{K/M}$, where M is inertia of the ink in the flow passage when the ink is charged in the flow